

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing traffic control signal at the intersection of MD 99 and Bethany Lane / Old Mill Road in Howard County, Maryland. MD 99 is considered to run in an east/west direction.

The intersection modification consist of adding side street video detection for Bethany Lane and Old Mill Road. The existing lane assignments for both Bethany Lane and Old Mill Road will change to an exclusive left turn lane and a shared through/right lane.

II. INTERSECTION OPERATION

The intersection is operating is to remain unchanged.

The existing cabinet with controller are to be utilized.

Video detection is to be installed in the existing cabinet.

CONTACT LIST

The contact persons for District #7 are as follows:

Mr. John Concannon
Assistant District Engineer - Traffic
301-624-6140

Ms. Andrea Abend
Assistant District Engineer - Utility
301-624-6115

Mr. Raymond Johnson
Assistant District Engineer - Maintenance
301-624-6105

Mr. Richard L. Daff
Chief, Traffic Operations Division
410-787-7630

Mr. Ed Rodenhizer
Supervisor, Signal Shop
410 787-7650

EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B. Equipment to be furnished and installed by the Contractor.

All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
3	EA	---	Video Detection Camera and cable. (3 - 200 LF)
1	EA	---	Video Detection Interface Panel
2	EA	813	30 in. x 36 in. R 3-5(L) sign with mast arm mounting hardware.
1	EA	813	30 in. x 36 in. R3-6(R) sign with mast arm mounting hardware.
50	LF	549	24 in. wide HAPTPM - white for stop line.
Lump Sum	LS	---	Remove and dispose of existing signal equipment.
Lump Sum	LS	---	As-built for S.H.A. (on CADD).

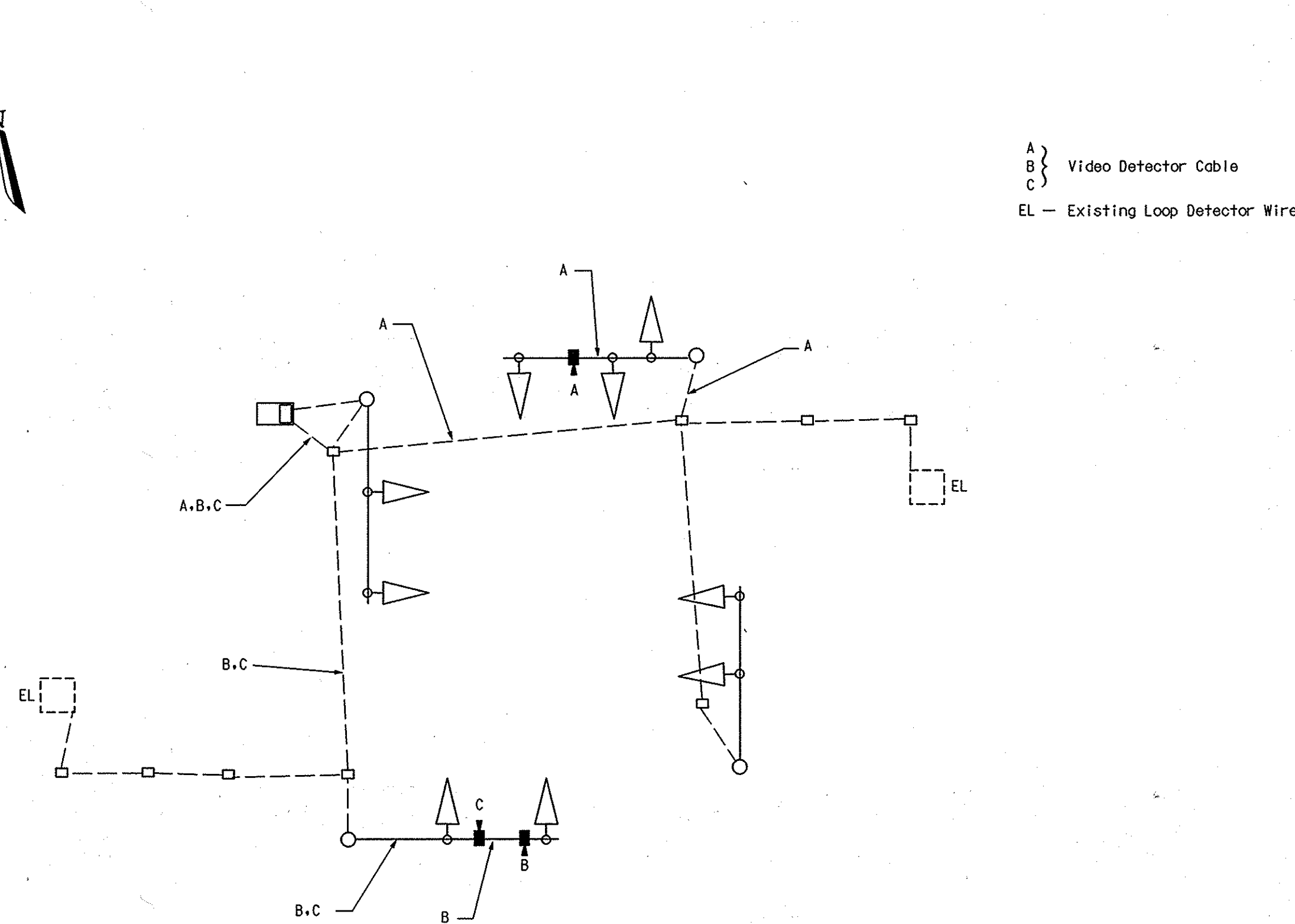
C. Existing equipment to be removed by the Contractor and delivered to the MDSHA Office of Traffic and Safety, Traffic Operations Division, Traffic Signal Shop, 7491 Connelley Drive, Hanover MD, 21076. A twenty-four (24) hour notice is required prior to delivery. Please contact Mr. Ed Rodenhizer at (410) 787-7650.

None

Phase Chart

	1	2	3	4	5	6	7	8	9	
Phase 2 & 6	G	G	G	G	R	R	R	R	R	
2 & 6 Change	Y	Y	Y	Y	R	R	R	R	R	
Phase 4 & 8	R	R	R	R	G	G	G	G	G	
4 & 8 Change	R	R	R	R	Y	Y	Y	Y	Y	
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	

Wiring Diagram



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information Plan)
MD 99 at Bethany Lane / Old Mill Road

DRAWN BY: B. Kilian	F.A.P. NO. N/A	TS NO. 3325A GI	SHEET NO. 2 OF 2
CHECKED BY:	S.H.A. NO. BW996M82	T.I.M.S. NO. 1147	
SCALE: N/A	COUNTY: Howard		
DATE: December 21, 2006	LOG MILE: 13009905.77		